

THAMADAPALLY SUPRAJ REDDY

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Summary

Computer Science student with experience in building backend applications, web projects, and basic machine learning models through academic and hands-on project work. Comfortable working with Python, web frameworks, SQL databases, and applying core concepts to practical problems.

Work Experience

Networking Virtual Internship <i>Juniper Networks</i>	Apr 2024 – Jun 2024	Remote
– Worked on networking fundamentals such as routing and subnetting using virtual lab environments. – Observed firewall configurations and basic traffic flow behavior during guided lab sessions. – Gained hands-on exposure to network setup and monitoring concepts through simulations.		

Projects

4-in-a-Row Multiplayer Game — React.js, Node.js, WebSockets	Source Code
– Developed a real-time multiplayer board game using WebSockets for live player interactions. – Implemented basic game logic and synchronized game state across connected players.	
Resume Analyzer Web App — Flask, Python, NLP	Source Code
– Built a web application to analyze resumes and compare keywords with job descriptions. – Applied basic NLP steps such as tokenization and keyword filtering for text analysis.	
Vehicle Classification System — TensorFlow, OpenCV	Source Code
– Trained a CNN-based model to classify vehicle images using a labeled dataset. – Used OpenCV for image preprocessing and testing model predictions.	
Student Registration System — Django, MySQL	Source Code
– Developed a student registration web application using the Django framework. – Implemented CRUD operations and database interactions with MySQL.	

Technical Skills

Programming: Python, C, SQL

Frameworks: Flask, Django, React.js, Node.js

AI/ML: TensorFlow, OpenCV, Pandas, NumPy, Scikit-learn

Databases: MySQL, PostgreSQL

Cloud/DevOps: AWS (EC2, S3, IAM), Docker, Git, GitHub

CS Core: Data Structures and Algorithms

Achievements

- Core Team Member — Google Developer Groups Hyderabad (GDG):** Supported organization of workshops and technical sessions.
- Contributed to collaborative learning activities and student-led technical initiatives.

Certifications

- AWS Certified Cloud Practitioner** — Amazon Web Services
- Salesforce Certified AI Associate** — Salesforce Trailhead

Education

KL University

B.Tech, CSE (AI), CGPA: 9.1

2022 – 2026

Vaddeswaram, AP